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Claims:

For the convenience of the Examiner, all pending claims of the present Application are shown below.

Listing of Claims:

1. (Currently Amended) A method for preventing formation of sludge in a subsurface cavity having particulate laden fluid disposed therein, comprising:

positioning a downhole device having a fluid agitator via a well bore into the fluid of the subsurface cavity, the subsurface cavity having a transverse dimension greater than a transverse dimension of the well bore; and

agitating the fluid using the fluid agitator.

- 2. (Original) The method of Claim 1, and further comprising removing the fluid from the subsurface cavity using the downhole device.
- 3. (Original) The method of Claim 1, and further comprising removing the fluid from the subsurface cavity through the downhole device while the fluid is agitated by the fluid agitator.
- 4. (Original) The method of Claim 1, wherein the fluid agitator comprises a plurality of arms that are outwardly extendable.
- 5. (Original) The method of Claim 4, wherein agitating the fluid comprises rotating the arms at a rate of no more than ten revolutions per day.

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6. (Original) The method of Claim 4, wherein agitating the fluid comprises rotating the arms at a rate of no more than five revolutions per day.

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- 7. (Original) The method of Claim 4, wherein agitating the fluid comprises rotating the arms at a rate of no more than one revolution per day.
- 8. (Original) The method of Claim 1, wherein the fluid agitator comprises a plurality of blunt arms that are outwardly extendable.

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9. (Currently Amended) A method for preventing formation of sludge in a subsurface cavity, comprising:

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positioning an inlet of a pump via a well bore into a cavity formed underground, the cavity including fluid and a plurality of particles in the fluid, the cavity having a transverse dimension exceeding a transverse dimension of the well bore;

agitating the fluid; and removing the fluid.

- 10. (Original) The method of Claim 9, wherein the inlet of the pump is coupled to a plurality of arms that are operable to extend radially within the cavity, and wherein agitating the fluid comprises extending the arms and rotating the arms about a longitudinal axis of the pump.
- 11. (Original) The method of Claim 10, wherein agitating the fluid comprises rotating the arms at a rate of no more than ten revolutions per day.
- 12. (Original) The method of Claim 10, wherein agitating the fluid comprises rotating the arms at a rate of no more than five revolutions per day.
- 13. (Original) The method of Claim 10, wherein agitating the fluid comprises rotating the arms at a rate of no more than one revolution per day.
- 14. (Original) The method of Claim 9, wherein the inlet of the pump is coupled to a plurality of blunt arms that are operable to extend radially within the cavity, and wherein agitating the fluid comprises extending the blunt arms and rotating the blunt arms about a longitudinal axis of the pump.
- 15. (Original) The method of Claim 9, wherein the act of removing the fluid is performed while agitating the fluid.

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> (Original) The method of Claim 9, wherein the pump is a suction-rod pump. 16.

17. (Original) The method of Claim 9, wherein the pump is a downhole pump. Applicant : Joseph A. Zupanick Attorney's Docket No.: 17601-005003 / BB Serial No. : 10/687.362 067083.0283

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18. (Currently Amended) A method for removing particulate laden fluid from a subterranean zone, comprising:

lowering an inlet of a pump through a well bore into a cavity formed in a subterranean zone, the cavity extending radially from the well bore the cavity having a transverse dimension greater than a transverse dimension of the well bore;

radially extending within the cavity a plurality of arms coupled to the pump inlet; positioning the inlet in the cavity by resting the arms on a floor of the cavity; collecting particulate laden fluid in the cavity; rotating the arms about a longitudinal axis of the pump; and removing the particulate laden fluid with the pump.

- 19. (Original) The method of Claim 18, wherein the arms are rotated at a rate of no more than ten revolutions per day.
 - 20. (Original) The method of Claim 18, wherein each of the arms are blunt.
- 21. (Previously Presented) The method of Claim 1, wherein the downhole device is positioned in the subsurface cavity via a well bore having a first diameter, and the downhole device is changeable to a diameter that is greater than the first diameter.
- 22. (Previously Presented) The method of Claim 10, wherein the extended arms exceed a diameter of the well bore.
- 23. (Previously Presented) The method of Claim 18, wherein the extended arms exceed a diameter of the well bore.